

**COLLIDER ACCELERATOR SHUTDOWN SCHEDULE(REV. 2)**

**RESULTS – 1330HRS., MAY 16, 2003**

R. Zaharatos –May 15, 2003

**SHUTDOWN PERIOD(FOUR HOURS): THURSDAY, MAY 15, 2003 – 0815  
TO 1200HRS**

**AGS – CONTROLLED ACCESS – Time permitting, 0800-0900**

**BOOSTER – NO ACCESS**

**LINAC – NO ACCESS**

**RHIC TUNNEL REMOTE CONTROLLED ACCESS PERIOD – 3HRS**

**RHIC RESTRICTED ACCESS AREAS – ALL IR'S , SECTORS 1 & 2 , 7Z1 AND  
8Z2.**

**PRIMAY JOBS:**

JOBS STATUS CODE: **C** complete **IP** in-process **RS** reschedule  
**CAN** cancelled \* additions

**AGS RING\***

**C** \*1 A10 AC Dipole – change transformer

**AGS EXTERNAL**

**C** 1 **SIEMENS M/G:** BLOW CARBON OUT WITH AIR AND CLEAN  
BRUSH AREAS  
**C** 2 Fan Hse. D - one fan not operating(replaced belt, needs pulley work)  
**C** 3 Fan Hse. A – one fan not operating(replaced belt)

**ATR**

**C** 1 Check Y06 water flow

## **RHIC TUNNEL**

- C 1 Water phase transition inspection and power supply repairs(See List)
- RS 2 Move temperature sensor at 9Q14(Cryo – Gates 10GE1 and 9gI1)
- RS 3 Remove failed components from 5Q3 area(Cryo – Gate 5GE1)
- C 4 PP2PP cooling air maintenance and modifications(Pearson – Sectors 1&2)
- C 5 Access to Sectors 7 & 8 for ZDC's(PHENIX Group – 30 mins. ea. Sect.)
- C 6 Sector Yo1 vacuum – check integrity of system and gauge readings(Weis)
- C 7 Ylw. Abort Kicker – modify filters on modules 4 & 5

## **RHIC EXTERNAL**

- C 1 Check fans for Bldg. 1006
- C 2 Change AC contactor for RMMPS Blue Dipole flattop power module(Zapasek/Schulteiss)

## **RHIC POWER SUPPLIES(Bruno)**

### **Water Phase Transition Checks and Repairs**

- RS 1 I2Q13D13 and I2Q13D19 – Replaced heaters if there is sufficient time.

### **Corrector Power Supplies: See Table below**

Corrector P.S.	Problem <b>On all of these check AC connections and DC connections at the magnet and power supply.</b>	Comments – What was really done-What was found	Serial Number
Yo1-tv13-ps (Alcove 3C)	Tripped the STBY-ERROR state with an error signal on 5/8/03.	RESCHEDULE	
Yo4-th20-ps	One broken fan. <b>Leave alone for now unless we have time and spares.</b>	RESCHEDULE	
Yi2-tv4-ps	Does not show local on pet page when you put into Local. Investigate, possibly needs a new node card cable, try installing one, I think we have them in the trailer, check with Brian. Low priority. We probably should not touch it at all. <b>Don't touch it yet.</b>	RESCHEDULE	
Bo6-tv11-ps	Tripped to the OFF State several times starting on May 10 <sup>th</sup> . MCR had to compensate so <b>this supply needs to be replaced.</b>	<b>COMPLETE</b>	

## Magnet Work

C            1    Ceramic Feedthrough cleaning in sector 3 where ground fault was found.

C            **Bi8-rot3-1.4** Quench occurred on May 10<sup>th</sup>, snapshot indicated a probable failure with the current reg card setpoint relay. If this occurs again, the Current Reg Card should be replaced. Also, there is the indication of a ground current so George may want the leads from the power supply to the magnet, including the magnet hi-potted to determine the possible cause. (Problem found and corrected – ground fault at P.S. chassis connector)